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CLAIMS:

What is claimed is:

1   1. A process for invoking a method of a server object
2   in a distributed application in a distributed data
3   processing system, the process comprising the computer-
4   implemented steps of:
5   executing a client object, wherein the client object
6   is implemented in a different programming paradigm from
7   the server object;
8   obtaining an object reference for a remote server
9   object;
10   wrapping the object reference in an adapter; and
11   invoking a method of the adapter.

1   2. The process of claim 1 wherein the adapter uses the
2   object reference to invoke a method of a skeleton on the
3   server.

1   3. The process of claim 1 wherein the skeleton invokes
2   a method of a server object.

1   4. A method for implementing a distributed application
2   in a distributed data processing system, the method
3   comprising the computer-implemented steps of:

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4   obtaining an object reference for a proxy of a
5   server object;
6   ,wrapping the proxy in an adapter; and
7   invoking a method of the adapter.

1   5.   The method of claim 1 wherein the adapter is a Java
2. class that implements an interface supported by the
3   server object.

1   6.   The method of claim 1 wherein the server object is
2   an Enterprise JavaBean.

1   7.   The method of claim 1 wherein the object reference
2   is obtained from a naming service.

1   8.   The method of claim 1 wherein the proxy is a Common
2   Object Request Broker Architecture (CORBA) proxy.

1   9.   The method of claim 8 wherein the adapter calls a
2   method of the CORBA proxy.

1   10.   The method of claim 8 wherein the CORBA proxy is a
2   Java class residing on a client computer.

1   11.   The method of claim 8 wherein the CORBA proxy passes
2   the method request to an object request broker.

1 12. A data processing system for invoking a method of a

2 server object in a distributed application in a

3 distributed data processing system, the data processing

4 system comprising:

5   execution means for executing a client object,

6 wherein the client object is implemented in a different

7. programming paradigm from the server object;

8   obtaining means for obtaining an object reference

9 for a remote server object;

10   wrapping means for wrapping the object reference in

11 an adapter; and

12   invoking means for invoking a method of the adapter.

1 13. The data processing system of claim 12 wherein the

2 adapter uses the object reference to invoke a method of a

3 skeleton on the server.

1 14. The data processing system of claim 12 wherein the

2 skeleton invokes a method of a server object.

1 15. A data processing system for implementing a

2 distributed application in a distributed data processing

3 system, the data processing system comprising:

4   obtaining means for obtaining an object reference

5 for a proxy of a server object;

6   wrapping means for wrapping the proxy in an adapter;

7 and

8   invoking means for invoking a method of the adapter.

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1 16. The data processing system of claim 15 wherein the
2 adapter is a Java class that implements an interface
3 supported by the server object.

1 17. The data processing system of claim 15 wherein the
2 server object is an Enterprise JavaBean.

1 18. The data processing system of claim 15 wherein the
2 object reference is obtained from a naming service.

1 19. The data processing system of claim 15 wherein the
2 proxy is a Common Object Request Broker Architecture
3 (CORBA) proxy.

1 20. The data processing system of claim 19 wherein the
2 adapter calls a method of the CORBA proxy.

1 21. The data processing system of claim 19 wherein the
2 CORBA proxy is a Java class residing on a client
3 computer.

1 22. The data processing system of claim 19 wherein the
2 CORBA proxy passes the method request to an object
3 request broker.

1 23. A computer program product in a computer readable
2 medium for use in a data processing system for invoking a
3 method of a server object in a distributed application in

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4 the distributed data processing system, the computer
5 program product comprising:
6 first instructions for executing a client object,
7 wherein the client object is implemented in a different
8 programming paradigm from the server object;
9 second instructions for obtaining an object
10 reference for a remote server object;
11 third instructions for wrapping the object reference
12 in an adapter; and
13 fourth instructions for invoking a method of the
14 adapter.

1 24. A computer program product in a computer readable
2 medium for use in a data processing system for
3 implementing a distributed application in a distributed
4 data processing system, the computer program product
5 comprising:
6 first instructions for obtaining an object reference
7 for a proxy of a server object;
8 second instructions for wrapping the proxy in an
9 adapter; and
10 third instructions for invoking a method of the
11 adapter.